
| Reactivity Subgroup |
Third Meeting Summary - January 18, 1996

Introduction

On January 18, 1996, the third meeting of the Reactivity Subgroup was held at the Air Resources Board (ARB) in Sacramento, California. The meeting continued previous discussions on preliminary reactivity-based control concepts for possible use with the Mid-term Measures currently under development. The following items were discussed at the meeting:

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| 1. ARB's reactivity research; a reactivity research |
| proposal by Dr. William P.L. Carter |
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| 2. Addressing Maximum Incremental Reactivity uncertainties |
| in ARB's Low Emission Vehicle/Clean Fuels program |
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| 3. Additional preliminary control concepts |
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| 4. Preliminary outline of a pilot project to obtain real- |
| world experience with the preliminary control concepts |
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Summary

ARB staff from the Research Division discussed current ARB reactivity research activities, the role of the Research Screening Committee, and the status of the recent research proposal submitted by Dr. Carter for determining the reactivity of various stationary-source volatile organic compounds (VOCs). By group consensus, it was decided that an advisory committee would be formed with members from industry, ARB, and Dr. Carter to help determine the most appropriate VOCs for the study. With the need to limit the advisory group to a workable size, ARB staff invited industry representatives to submit proposed members for consideration by mid-February 1996. Research Division staff also provided a comprehensive discussion on how uncertainties in reactivity determinations were addressed in the Low Emission Vehicle/Clean Fuels program.

ARB staff then discussed additional regulatory control concepts using reactivity considerations. A preliminary outline for a voluntary pilot project to gain real-world experience with the control concepts discussed to date and to identify associated issues was presented by ARB staff. Comments were made by participants that the overall initial approach should be a voluntary program, allowing manufacturers to choose between a reactivity-based standard or a mass-based standard. Pros and cons were discussed.

Future Meetings

The next meeting will focus on presenting detailed elements of the voluntary reactivity pilot project for subgroup members to review. Subsequent meetings will provide updates on research activities, discuss the results of the pilot project, and begin discussions of draft regulatory language incorporating those control concepts determined to be feasible.

Inquiries about this meeting summary should be directed to Floyd Vergara, Air Resources Board, at (916) 327-1503.